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| <b>Issue Classification</b><br> | <b>Application/Control No.</b><br>10/048,055 | <b>Applicant(s)/Patent under Reexamination</b><br>AKAIWA ET AL. |
|  | <b>Examiner</b><br>Vincent E. Kovalick       | <b>Art Unit</b><br>2629   |

| ISSUE CLASSIFICATION |                                   |          |     |     |                              |    |   |   |             |   |
|----------------------|-----------------------------------|----------|-----|-----|------------------------------|----|---|---|-------------|---|
| ORIGINAL             |                                   |          |     |     | INTERNATIONAL CLASSIFICATION |    |   |   |             |   |
| CLASS                |                                   | SUBCLASS |     |     | CLAIMED                      |    |   |   | NON-CLAIMED |   |
| 345                  |                                   | 536      |     |     | G                            | 06 | K | 9 | /62         | / |
| CROSS REFERENCES     |                                   |          |     |     |                              |    |   |   |             |   |
| CLASS                | SUBCLASS (ONE SUBCLASS PER BLOCK) |          |     |     |                              |    |   |   |             |   |
| 345                  | 162                               | 538      | 548 | 553 |                              |    |   |   |             | / |
| 348                  | 744                               |          |     |     |                              |    |   |   |             | / |
| 707                  | 100                               |          |     |     |                              |    |   |   |             | / |
| 713                  | 200                               |          |     |     |                              |    |   |   |             | / |
|                      |                                   |          |     |     |                              |    |   |   |             | / |

|  |  |                                 |
|--|--|---------------------------------|
| Vincent E. Kovalick<br>(Assistant Examiner)<br>11/6/07<br>(Date) | <br>11/7/07<br>(Date)             | <b>Total Claims Allowed: 12</b> |
| (Legal Instruments Examiner) (Date)                              | <b>BIPIN SHALWALA</b><br>(Primary Examiner) (Date)<br><b>SUPERVISORY PATENT EXAMINER</b><br>TECHNOLOGY CENTER 1600 | O.G. Print Claim(s)<br>1        |
|  |  | O.G. Print Fig.<br>1            |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |         |       | <input type="checkbox"/> CPA |         | <input type="checkbox"/> T.D. |          | <input type="checkbox"/> R.1.47 |          |
|--|----------|---------|-------|------------------------------|---------|-------------------------------|----------|---------------------------------|----------|
| Final  | Original | 11/6/07 | Final | Original                     | 11/6/07 | Final                         | Original | Final                           | Original |
| 1  | 1        |         | 31    | 31                           |         | 61                            | 91       | 121                             | 151      |
| 2  | 2        |         | 32    | 32                           |         | 62                            | 92       | 122                             | 152      |
| 3  | 3        |         | 33    | 33                           |         | 63                            | 93       | 123                             | 153      |
| 4  | 4        |         | 34    | 34                           |         | 64                            | 94       | 124                             | 154      |
| 5  | 5        |         | 35    | 35                           |         | 65                            | 95       | 125                             | 155      |
| 6  | 6        |         | 36    | 36                           |         | 66                            | 96       | 126                             | 156      |
| 7  | 7        |         | 37    | 37                           |         | 67                            | 97       | 127                             | 157      |
| 8  | 8        |         | 38    | 38                           |         | 68                            | 98       | 128                             | 158      |
| 9  | 9        |         | 39    | 39                           |         | 69                            | 99       | 129                             | 159      |
| 10   | 10       |         | 40    | 40                           |         | 70                            | 100      | 130                             | 160      |
| 11   | 11       |         | 41    | 41                           |         | 71                            | 101      | 131                             | 161      |
| 12   | 12       |         | 42    | 42                           |         | 72                            | 102      | 132                             | 162      |
| 13   | 13       |         | 43    | 43                           |         | 73                            | 103      | 133                             | 163      |
| 14   | 14       |         | 44    | 44                           |         | 74                            | 104      | 134                             | 164      |
| 15   | 15       |         | 45    | 45                           |         | 75                            | 105      | 135                             | 165      |
| 16   | 16       |         | 46    | 46                           |         | 76                            | 106      | 136                             | 166      |
| 17   | 17       |         | 47    | 47                           |         | 77                            | 107      | 137                             | 167      |
| 18   | 18       |         | 48    | 48                           |         | 78                            | 108      | 138                             | 168      |
| 19   | 19       |         | 49    | 49                           |         | 79                            | 109      | 139                             | 169      |
| 20   | 20       |         | 50    | 50                           |         | 80                            | 110      | 140                             | 170      |
| 21   | 21       |         | 51    | 51                           |         | 81                            | 111      | 141                             | 171      |
| 22   | 22       |         | 52    | 52                           |         | 82                            | 112      | 142                             | 172      |
| 23   | 23       |         | 53    | 53                           |         | 83                            | 113      | 143                             | 173      |
| 24   | 24       |         | 54    | 54                           |         | 84                            | 114      | 144                             | 174      |
| 25   | 25       |         | 55    | 55                           |         | 85                            | 115      | 145                             | 175      |
| 26   | 26       |         | 56    | 56                           |         | 86                            | 116      | 146                             | 176      |
| 27   | 27       |         | 57    | 57                           |         | 87                            | 117      | 147                             | 177      |
| 28   | 28       |         | 58    | 58                           |         | 88                            | 118      | 148                             | 178      |
| 29   | 29       |         | 59    | 59                           |         | 89                            | 119      | 149                             | 179      |
| 30   | 30       |         | 60    | 60                           |         | 90                            | 120      | 150                             | 180      |
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